

**In the Specification**

Please replace the paragraph on page 5, lines 16-27 with the following amended paragraph:

--The present invention also provides a device for transmitting digital messages through output terminals of a monitoring circuit integrated to a microprocessor, said digital messages being representative of determined events occurring on execution of instructions by the microprocessor, comprising a means for detecting whether a message to be transmitted by the monitoring circuit is of a specific type; and a means for transmitting, after or before transmission of a digital message of said specific type, a correlation message, said ~~monitoring~~ correlation message comprising an identifier of said specific digital message and a counter of the number of instructions executed by the microprocessor between the instruction associated with the transmission of the specific digital message and the instruction associated with the transmission of a selected previous digital message.--